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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,090	09/30/2003	David Bumstead	HAMMP003	4082

21912	7590	05/02/2007
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EXAMINER	
BURGESS, BARBARA N	

ART UNIT	PAPER NUMBER
2157	

MAIL DATE	DELIVERY MODE
05/02/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/677,090	Applicant(s) BUMSTEAD ET AL.	
	Examiner Barbara N. Burgess	Art Unit 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) ☒ Notice of References Cited (PTO-892) | 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) ☐ Notice of Informal Patent Application |
| 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) ☐ Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Stammers et al. (hereinafter "Stammers", US Patent 7,082,121 B1).

As per claim 1, Stammers discloses a method of establishing a connection between a first endpoint participating in a first protocol and a second endpoint participating in a second protocol including:

establishing a virtual service endpoint participating in the first protocol on a network device that is connected to the first endpoint and the second endpoint (column 1, lines 50-60, column 4, lines 1-12);

forwarding to the second endpoint communication directed from the first endpoint to the virtual service endpoint (column 4, lines 52-55, 59-65).

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As per claim 2, Stammers discloses a method as recited in claim 1, wherein the virtual service endpoint participates in the second protocol (column 3, lines 56-62).

As per claim 3, Stammers discloses a method as recited in claim 1, wherein the virtual service endpoint includes a first half virtual service endpoint and a second half virtual service endpoint and wherein the first half virtual service endpoint participates in the first protocol and wherein the second half virtual service endpoint participates in the second protocol (column 5, lines 10-23).

As per claim 4, Stammers discloses a method as recited in claim 1, wherein:
the first endpoint participates in a first protocol-specific network (column 2, lines 46-50);
the second endpoint participates in a second protocol-specific network (column 2, lines 56-60);
the virtual service endpoint presents a first protocol-specific service endpoint to the first protocol-specific network, and presents a second protocol-specific service endpoint to the second protocol-specific network (column 3, lines 15-25).

As per claim 5, Stammers discloses a method as recited in claim 1, wherein forwarding to the second endpoint includes using a forwarding table (column 4, lines 5-11).

As per claim 6, Stammers discloses a method as recited in claim 1, wherein forwarding to the second endpoint includes using a forwarding table that includes a real interface

and a corresponding virtual interface (column 4, lines 10-17).

As per claim 7, Stammer discloses a method as recited in claim 1, wherein forwarding to the second endpoint includes using a forwarding table that includes a real interface and a corresponding virtual interface for the first endpoint and a real interface and a corresponding virtual interface for the second endpoint (column 4, lines 5-17).

As per claim 8, Stammers disclose a method as recited in claim 1, wherein forwarding to the second endpoint includes:

connecting the virtual service endpoint to the first endpoint (column 3, lines 56-63);

locating the virtual service endpoint in a forwarding table and finding the second endpoint (column 4, lines 5-15);

connecting the data path between the two endpoints (column 4, lines 35-45).

As per claim 9, Stammers discloses a method as recited in claim 1, wherein the virtual service endpoint includes a first half virtual service endpoint and a second half virtual service endpoint and wherein the first half virtual service endpoint participates in the first protocol and wherein the second half virtual service endpoint participates in the second protocol, wherein forwarding to the second endpoint includes:

establishing a connection between the first endpoint and the first half virtual service endpoint (column 3, lines 56-63);

establishing a connection between the second endpoint and the second half virtual

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service endpoint (column 3, lines 8-15);

cross connecting the data path between the endpoints of the two connections (column 4, lines 35-45).

As per claim 10, Stammers disclose a method as recited in claim 1, wherein the virtual service endpoint maintains an identifier associated with an interface (column 3, lines 37-45).

As per claim 11, Stammer discloses a method as recited in claim 1, wherein the first protocol is ATM (column 3, lines 59-61).

As per claim 12, Stammer discloses a method as recited in claim 1, wherein the network device is an edge switch or a gateway switch (column 3, lines 9-12).

As\ per claim 13, Stammer discloses a network device for establishing a connection between a first endpoint participating in a first protocol and a second endpoint participating in a second protocol including a virtual service endpoint participating in the first protocol configured to forward to the second endpoint communication directed from the first endpoint to the virtual service endpoint wherein the network device is connected to the first endpoint and the second endpoint (column 1, lines 50-60, column 4, lines 1-12, 52-55, 59-65).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Barbara N Burgess
Examiner
Art Unit 2157

April 29, 2007


ARIO ETIENNE
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